

## Internal EPA Technical Review Group Biographies

### 1. John Hillenbrand USEPA Region 9 (Review Team Leader):

- Mr. Hillenbrand serves as a regional coordinator and technical expert for Superfund mining activities within Region 9 and is co-chair of EPA's National Mining Team.
- Mr. Hillenbrand holds a BS and MS in Geology from the University of California, Davis and Riverside. He is a professionally licensed geologist and engineering geologist in the State of California.
- Of Mr. Hillenbrand's 27 years of experience in water quality, the past 20 years he has specialized in mining at EPA's Region 9 office in the Superfund Division as an RPM and in Water Division conducting inspections, and enforcement at mines.

### 2. Ed Moreen USEPA Region 10

- Ed has served as a Senior Remedial Project Manager for the Bunker Hill Superfund site leading several mine and mill cleanup projects, upgrades and continuous operations of the Central Treatment Plant which treats 2 million gallons per day of acid mine drainage from the Bunker Hill Mine site in Idaho.
- Ed Moreen holds a Bachelor's of Science in Civil Engineering in 1994 from Washington State University. He obtained his Professional Engineer license in the State of Idaho in 2000.
- He worked for the Corps of Engineers from 1994 to 2003 working on various civil works projects including work at Hanford and served as the Project Engineer for the demolition of the large Bunker Hill Mining and Metallurgical complex.

### 3. Lisa Price USEPA Region 6

- Lisa joined EPA in the Region 3 office as a federal On-Scene Coordinator in 1987 and then transferred to Region 6 as a Remedial Project Manager in 1989. Her career with EPA has been primarily in the Superfund program. Lisa became the Grants Mining District Coordinator in June 2010 and was responsible for coordinating with other federal, state and tribal partners, and for overseeing and implementing investigations on legacy uranium mines in New Mexico. Lisa returned to the Grants Mining District Coordinator position in October 2014 after being the Lead Region Coordinator for the Superfund Program from 2012 to 2014.
- Lisa graduated from the College of William and Mary with a BS in geology.

- Prior to joining EPA, Lisa worked as a field geologist for Schnabel Engineering, a geotechnical engineering firm specializing in subsurface investigations.

Shahid Mahmud, EPA Headquarters – National Mining Team Leader

- Shahid Mahmud is the Team Leader for the U.S. Environmental Protection Agency's (EPA) Abandoned Mine Lands Team and the co-chairperson of EPA's National Mining Team and National Lead Sites Workgroup. He has over 25 years of experience with EPA in developing regulations and policies on environmental characterization, control and remediation of waste sites in EPA's Solid Waste and Superfund programs.
- Mr. Mahmud graduated with a degree in Chemical Engineering from Virginia Tech.
- Prior to joining EPA, Mr. Mahmud worked over 5 years with Environmental Consulting firms in a project management capacity. In this capacity, he oversaw budget, business and project development, and oversight and conduct of numerous scientific investigations and technical reports for EPA, Department of Defense and Department of Energy waste sites.

Joshua Wirtshafter, EPA Region 9 – Office of Regional Counsel